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Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A communication system comprising:

a plurality of remote terminal units, each including

a transmitter that transmits a transmission message to a satellite having a service area and a high-gain antenna with a field of view that sweeps the service area during a sweep period, such that:

the transmitter is within the field of view for an illumination period that is substantially less than the sweep period, and

the transmission message has a message duration that is less than the illumination period; and,

a ground station that receives retransmission messages corresponding to the transmission message of at least a first terminal unit of the plurality of remote terminal units when the transmitter of the first terminal unit is within the field of view,

wherein

the transmitter of the first terminal unit is configured to repeatedly send the transmission message, based on a repeat parameter that differs from at least one other terminal unit of the plurality of remote terminal units.

2. (Original) The communication system of claim 1, wherein

the repeat parameter is further based on the sweep period.

3. (Original) The communication system of claim 1, wherein

the repeat parameter includes a random component.

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4-8 (Canceled)

9. (Original) A communication device comprising:

a message source that generates an information message, and

a transmitter that communicates via a satellite having a service area and a high-gain antenna with a field of view that sweeps the service area during a sweep period and an illumination period that is substantially less than the sweep period, wherein

the transmitter generates at least one transmission message that is based on the information message and has a message duration that is less than the illumination period, and

the transmitter repeatedly transmits the at least one transmission message based on a repeat parameter that distinguishes the transmitter from other transmitters that communicate via the satellite.

10. (Original) The communication device of claim 9, wherein

the repeat parameter is further based on a random process.

11. (Original) The communication device of claim 9, wherein

the repeat parameter is further based on the sweep period.

12. (Original) The communication device of claim 9, wherein

the transmitter also includes a DSSS modulator that produces the at least one transmission message based on a predetermined DSSS code.

13-26 (Canceled)

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27. (Original) A method of providing communications, comprising:

deploying a satellite to provide communications within a service area,

sweeping the service area during a sweep period with a high-gain antenna that has a field of view that is substantially smaller than the service area,

receiving communications from one or more transmitters that are within the field of view for an illumination period that is substantially less than the sweep period,

wherein

the communications from the one or more transmitters include messages that each have a message duration that is less than the illumination period, and

the one or more transmitters are configured to repeatedly send each transmission message for a repeat duration that is greater than the illumination period.

28. (Original) The method of claim 27, wherein

each communication from the one or more transmitters is modulated using a predefined DSSS code that is associated with each of the one or more transmitters.

29. (Original) The method of claim 28, wherein

each of the one or more transmitters is configured to use a common predefined DSSS code.